



EMAC[®] SP2268

Ethylene Methyl Acrylate Copolymer

Technical Data Sheet

Applications

- Extrusion coatings/laminations
- Flexible packaging
- Masterbatches/compounding
- Injection molding

Key Attributes

- Adhesion to & compatibility with various polymers
- Low temperature heat & RF sealings
- Low temperature flexibility
- Soft & flexible without plasticizers
- Highly fillable

Product Description

EMAC[®] SP2268 is a 24% EMA copolymer designed for extrusion coating, tie-layers, and compounding where flexibility, compatibility, low heat seal temperatures, or high coefficient of friction are required. EMAC[®] SP2268 provides excellent adhesion to polyolefins, polyesters, and other polymers while providing outstanding low temperature performance.

Typical Physical Properties

Property ^a	Test Method ^b	Typical Value, Units ^c
Methyl Acrylate Content	Westlake	24% weight
Melt Index (Condition 190°C/2.16 kg)	D 1238	10.0 g/10 min
Density	D 1505	945 kg/m ³ (0.945 g/m ³)
Vicat Softening Temperature	D 1525	41°C (106°F)
Melting Point by DSC (T _m)	D 3418	76°C (169°F)
Brittleness Temperature	D 746	< -73°C (< -99°F)
Durometer Hardness Shore D Scale	D 2240	34
Tensile Stress @ Break (500 mm/min, 20 in/min)	D 638 Type IV	8 MPa (1,100 psi)
Elongation @ Break (500 mm/min, 20 in/min)	D 638 Type IV	815%

^a Unless noted otherwise, all tests are run at 23°C (73°F) and 50% relative humidity.

^b Unless noted otherwise, the test method is ASTM.

^c Units are in SI or US customary units.

Notes

The reported properties were measured from compression molded specimens prepared according to ASTM D 1928.

Processing

Processing conditions for methyl acrylate copolymer resins vary depending upon application, fabrication equipment, and other resin use. These resins are thermally stable and process like LDPE.

Regulatory Compliance

This product has some 21 CFR clearances. Please contact your Westlake Sales Representative for food contact statements.

Properties reported here are based on limited testing. Westlake makes no representation that the material in any particular shipment will conform exactly to the values given. Westlake and its marketing affiliates shall not be responsible for the use of this information, or of any product, method, or apparatus mentioned, and you must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and for the health and safety of your employees and purchasers of your products. No warranty is made of the merchantability of fitness of any product, and nothing herein waives any of the Seller's conditions of sale.

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